UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/692,144	10/23/2003	John Justin Duigenan	GB920020097US1	9184

35525   7590   07/31/2007

IBM CORP (YA)
C/O YEE & ASSOCIATES PC
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EXAMINER
TAYLOR, NICHOLAS R

ART UNIT	PAPER NUMBER
2141	

MAIL DATE	DELIVERY MODE
07/31/2007	PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

	Application No.	**Applicant(s)**
Interview Summary	10/692,144	DUIGENAN ET AL.
	Examiner	**Art Unit**	
	Nicholas R. Taylor	2141	

All participants (applicant, applicant's representative, PTO personnel):

(1) *Nicholas R. Taylor.*

(3)*Houda El-Jarrah Reg. No. 60006.*

(2) *Quang Nguyen.*

(4)_____.

Date of Interview: *24 July 2007*.

Type: a)☒ Telephonic   b)☐ Video Conference
  c)☐ Personal [copy given to: 1)☐ applicant   2)☐ applicant's representative]

Exhibit shown or demonstration conducted: d)☐ Yes   e)☒ No.
  If Yes, brief description: _____.

Claim(s) discussed: *All*.

Identification of prior art discussed: *Omoigui & Mane*.

Agreement with respect to the claims f)☒ was reached. g)☐ was not reached. h)☐ N/A.

Substance of Interview including description of the general nature of what was agreed to if an agreement was reached, or any other comments: *Discussed potential claim amendments and current 101 rejection. See attached form PTOL-413*.

(A fuller description, if necessary, and a copy of the amendments which the examiner agreed would render the claims allowable, if available, must be attached. Also, where no copy of the amendments that would render the claims allowable is available, a summary thereof must be attached.)

THE FORMAL WRITTEN REPLY TO THE LAST OFFICE ACTION MUST INCLUDE THE SUBSTANCE OF THE INTERVIEW. (See MPEP Section 713.04). If a reply to the last Office action has already been filed, APPLICANT IS GIVEN A NON-EXTENDABLE PERIOD OF THE LONGER OF ONE MONTH OR THIRTY DAYS FROM THIS INTERVIEW DATE, OR THE MAILING DATE OF THIS INTERVIEW SUMMARY FORM, WHICHEVER IS LATER, TO FILE A STATEMENT OF THE SUBSTANCE OF THE INTERVIEW. See Summary of Record of Interview requirements on reverse side or on attached sheet.

JASON CARDONE
SUPERVISORY PATENT EXAMINER

Examiner Note: You must sign this form unless it is an Attachment to a signed Office action.

Examiner's signature, if required

Applicant Initiated Interview Request Form

Application No.: 10/692,144	First Named Applicant: John Justin Duigenan
Examiner: Nicholas Taylor Art Unit: 2141	Status of Application: 1c OA

Tentative Participants:
(1) Houda El Jarrah   (2) Mari Stewart

(3) _____   (4) _____

Proposed Date of Interview: July 24, 2007   **Proposed Time:** 2:00 PM   (AM/**PM**)

Type of Interview Requested:
(1) ☑ Telephonic   (2) ☐ Personal   (3) ☐ Video Conference

Exhibit To Be Shown or Demonstrated: ☐ YES   ☑ NO
If yes, provide brief description: _____

Issues To Be Discussed

Issues (Rej., Obj., etc)	Claims/ Fig. #s	Prior Art	Discussed	Agreed	Not Agreed
(1) 101	1, 4, 5, 6, 7		☐	☐	☐
(2) 103	4	omoigui, mane	☐	☐	☐
(3)			☐	☐	☐
(4)			☐	☐	☐

☐ Continuation Sheet Attached

Brief Description of Arguments to be Presented: *See Enclosed Agenda*

An interview was conducted on the above-identified application on: _____
NOTE: This form should be completed by applicant and submitted to the examiner in advance of the Interview (see MPEP § 713.01).
This application will not be delayed from issue because of applicant's failure to submit a written record of this interview. Therefore, applicant is advised to file a statement of the substance of this interview (37 CFR 1.133(b)) as soon as possible.

Houda Jarrah (signature) _____   _____
Applicant/Applicant's Representative Signature   Examiner/SPE Signature

HOUDA El-Jarrah
Typed/Printed Name of Applicant or Representative

60,006
Registration Number, if applicable

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Duigenan et al.	§	Group Art Unit: 2141
	§	
Serial No.: 10/692,144	§	Examiner: Taylor, Nicholas R.
	§	
Filed: October 23, 2003	§	Attorney Docket No.: GB920020097US1
	§	
For: Publish/Subscribe Messaging System	§	

AGENDA FOR TELEPHONE INTERVIEW

.We have an interview scheduled for *Tuesday July 24, 2007 at 2 pm Eastern.* Please consider the following for discussion:

I. § 101 Proposed Amendment:

1. (Currently Amended) An apparatus ~~A message broker~~ for managing subscription requests in a multicast messaging system comprising a plurality of publishers publishing information to the broker and a plurality of subscribers subscribing to information received from one or more publishers, the apparatus ~~broker~~ comprising:

~~means for~~ a computer, wherein the computer comprises:

a matching engine, wherein the matching engine receives ~~receiving~~ a subscription request pointing to topic information in which the requesting subscriber is interested, the topic information defining a specific topic within a topic hierarchy, ~~means for parsing~~ parses said request to determine if said request includes a wildcard, and ~~means,~~ responsive to determining that said request does include a wildcard, instructs ~~for instructing~~ the requesting subscriber to listen on a multicast address associated with the topic in the topic hierarchy which precedes said wildcard. [page 25, abstract]

4. (Currently Amended) A computer implemented method for managing subscription requests in a multicast messaging system, the messaging system comprising a plurality of publishers publishing information to a broker and a plurality of subscribers subscribing to information received from one or more publishers, the method comprising the steps of:

receiving a subscription request pointing to topic information in which the requesting subscriber is interested, the topic information defining a specific topic within a topic hierarchy;

parsing said request to determine if said request includes a wildcard whereby a topic string received as a subscription request is parsed into a prefix and a remainder whereby the prefix constitutes everything up to and not including a wildcard; ~~and~~ [page 16, lines 10-16]

locating the node in the topic tree defined by the prefix wherein the node represents the topic immediately preceding the wildcard; and [page 16, lines 18-24]
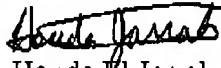
~~responsive to determining that said request does include a wildcard, for~~ instructing the requesting subscriber to listen on a multicast address associated with the topic in the topic hierarchy which precedes said wildcard by associating the subscriber with the node in the topic tree which is defined by the prefix. [page 16, lines 10-16]

5.   (Currently Amended) The computer implemented method of claim 4 comprising:
        assigning the multicast address to said preceding topic. [page 7, line 1-5]

6.   (Original) The computer implemented method of claim 5 wherein the multicast address for the preceding topic is inherited from parent topic information. [page 7, line 1-5]

7.   (Currently Amended) A computer program on a computer readable medium for managing subscription requests in a multicast messaging system, the messaging system comprising a plurality of publishers publishing information to a broker and a plurality of subscribers subscribing to information received from one or more publishers, the computer program comprising program code means adapted to perform, ~~when said program is run on a computer~~, the steps of:

        receiving a subscription request pointing to topic information in which the requesting subscriber is interested, the topic information defining a specific topic within a topic hierarchy;

        parsing said request to determine if said request includes a wildcard; and

        responsive to determining that said request does include a wildcard, for instructing the requesting subscriber to listen on a multicast address associated with the topic in the topic hierarchy which precedes said wildcard.

II §103 Objection

1.   Neither Mane nor Omoigui teaches instructing the subscriber to listen on an associated multicast address associated with the topic in the topic hierarchy which proceeds a wildcard. [Office Action, page 4]

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